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Attorney Reference Number 3382-61328   DATE OF DEPOSIT: December 21, 2001
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BOX PATENT APPLICATION
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Transmitted herewith for filing is the continuing patent application of:

Inventor(s): Atsushi Kanamori

For: METHOD AND SYSTEM FOR ACCESSING OBJECTS OF DIFFERENT THREAD TYPES

Enclosed are:

☒   18 pages of specification, 13 pages of claims, and an abstract
☒   8 sheet(s) of drawings
☒   2 pages of an Oath or Declaration
☒   A copy of oath or declaration filed with the prior application (37 C.F.R.§ 1.63(d))
☒   Preliminary Amendment

Continuing Application:

☐	Continuation
☒	Divisional
☐	Continuation-in-part (CIP)

Information from Prior Application:

Prior Application Number: 08/856,136
Examiner: Majid A. Banakhah
Art Unit: 2151

☒   Please enter the preliminary amendment prior to calculation of fees. The fee has been calculated as shown below.

FILING FEE

For	Claims Filed	Number allotted		Number Extra	Rate	Basic Fee $740.00
Total Claims	13	20	=	0	$18.00	$ 0.00
Independent Claims	3	3	=	0	$84.00	$ 0.00
Multiple Dependent Claim Fee					$280.00	
TOTAL FILING FEE						$740.00

☒   A check in the amount of $740.00 to cover the filing fee is enclosed.

☒   Information Disclosure Statement

☒   Form 1449

☒   Assignee for this application is or will be Microsoft Corporation, and applicant requests that this information be listed on the published application.

☒   The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference herein.

☒   The Director is hereby authorized to charge any additional fees which may be required in connection with the filing of this application and recording any assignment filed herewith, or credit over-payment, to Account No. 02-4550. A copy of this sheet is enclosed.

☒   Please return the enclosed postcard to confirm that the items listed above have been received.

☒   Please address all correspondence regarding this application to the undersigned at the address associated with the following customer number:
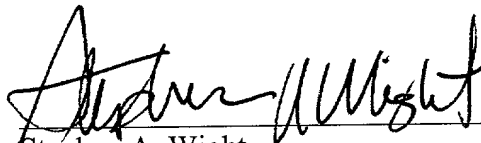
26119

Respectfully submitted,

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cc: Docketing

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Kanamori

Application No. Not yet filed

Filed: Concurrently herewith

For: METHOD AND SYSTEM FOR ACCESSING
       OBJECTS OF DIFFERENT THREAD TYPES

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the above application as follows:

<u>In the Specifications:</u>

Please add the following paragraph at page 1, line 2:

--CROSS REFERENCE TO RELATED APPLICATIONS

This is a divisional of U.S. Patent Application No. 08/896,136, filed May 14, 1997.--.

<u>In the Claims:</u>

Please cancel without prejudice claims 1-15, 24-45 and 51-56.

19. (Amended) A method in a computer system for mapping access to an object

developed with a first programming model to a second programming model, the method

comprising:

intercepting an attempt by a program of the second programming model to instantiate an

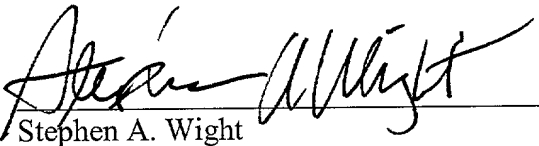object of the first programming model;

instantiating the object; and

setting a wrapper object to reference the instantiated object;

intercepting an attempt by a program of the second programming model to invoke a

member function of the instantiated object using a reference to the wrapper object;

invoking the member function of the object referenced by the wrapper object; and

mapping parameters returned by the invoked member function in accordance with the

first programming model to the second programming model.

Respectfully submitted,

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**Marked-up Version of Amended Claims
Pursuant to 37 C.F.R. §§ 1.121(b)-(c)**

19. (Amended) A method in a computer system for mapping access to an object developed with a first programming model to a second programming model, the method comprising:

intercepting an attempt <u>by a program of the second programming model</u> to instantiate [the] <u>an</u> object <u>of the first programming model</u>;

instantiating the object; and

setting a wrapper object to reference the instantiated object;

intercepting an attempt <u>by a program of the second programming model</u> to invoke a member function of the instantiated object using a reference to the wrapper object;

invoking the member function of the object referenced by the wrapper object; and

mapping parameters returned by the invoked member function in accordance with the first programming model to the second programming model.